

Fluon[®] MFA 620 Series Color Concentrate *Typical Properties*

DESCRIPTION

Fluon[®] MFA 620 Series is a full range of color concentrates designed for use in low flow MFA (perfluoromethylalkoxy) for pigmentation. The color concentrates are based on Hyflon[®] MFA 620 and are supplied in cylindrical pellet form. These pellets are approximately 0.080" long by 0.080" diameter.

TYPICAL PHYSICAL PROPERTIES

Color	Product Code	MFR (g/10 min)	Bulk Density (g/L)	Dispersion Quality (inches)	L* (CIELAB, 10° obs., D65)	a*	b*	Approx. RAL
White	448-101-107	3.7	1280	0.0015	93.0	-0.5	2.6	9016
Orange	448-015-016	3.0	1250	0.0015	54.1	42.2	44.5	2010
Green	448-015-017	3.5	1330	0.0015	52.6	-38.7	23.2	6024
Blue	448-015-018	3.2	1250	0.0015	48.0	-6.4	-41.7	5015
Brown	448-015-019	3.3	1330	0.0015	31.3	10.3	9.0	8028
Yellow	448-015-020	3.6	1290	0.0015	88.6	-3.3	92.5	1018
Red	448-101-111	1.9	1120	0.0015	38.7	49.5	28.6	3000
Violet	448-015-022	4.6	1300	0.0015	48.5	23.6	-33.4	4005
Black	448-101-106	1.9	1150	0.0015	21.1	-0.9	-0.8	7021

END USES

Colored injection molded parts, film, tubing, colored wire or jacket insulation where a pigmented appearance is required.

PROCESSING

The products are added (approximately 5-6%) to natural MFA and processed using conventional thermoplastic techniques such as injection molding and melt extrusion.

COLORS AVAILABLE

White, Orange, Blue, Green, Brown, Red, Black, Yellow, and Violet; Custom colors available upon request. Please see contact information below.

Fluon[®] is a registered trademark of Asahi Glass Company, LTD.

The information provided herein is related only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process. NO REPRESENTATION OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, ARE MADE HEREUNDER. The user of this product has the sole responsibility to determine the suitability of the product for any use and manner of use intended. This document may be revised after its issuance, and the user is advised to use the latest revision.



AGC Chemicals Americas, Inc.
Business & Technical Center
55 E. Uwchlan Ave, Suite 201
Exton, PA 19341
Phone: (610) 423-4000
Fax: (610).423-4301

Fluon[®] MFA 620 Series Color Concentrate *Typical Properties*

HAZARDOUS SUBSTANCES

This series of color concentrates do not contain lead, hexavalent chromium, or cadmium, and are used in applications where RoHS (Restrictions on the use of Certain Hazardous Substances) compliance is required.

HANDLING PRECAUTIONS

Heating Fluon[®] products in excess of 750°F (399°C) can produce toxic fumes. It is, therefore, necessary to provide local exhaust ventilation in areas where Fluon[®] products are exposed to high temperatures. Avoid breathing fumes or contaminating smoking tobacco with fumes, powder, or dust.

Thermal decomposition of this product will generate hydrogen fluoride, which is corrosive. Corrosion resistance materials are required for prolonged contact with molten resin.

SAFE HANDLING INFORMATION

A summary of the hazards, as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200 for this product are:

Physical hazards: None

Health hazards: None

FOR ADDITIONAL INFORMATION AND HANDLING INSTRUCTIONS READ AGC CHEMICALS AMERICAS, INC. MATERIAL SAFETY DATA SHEET.

For more information and samples contact

AGC Chemicals Americas, Inc.
55 E. Uwchlan Avenue, Suite 201
Exton, PA 19341

Phone: (800) 424-7833

Fax: (610) 423-4301

Fluon[®] is a registered trademark of AGC Chemicals Americas, Inc.

MPC MFA 620 Series.DOC 11/2007